

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 7/10/2012	(3) CONTACT/PHONE Barry Zalac, Bridge Program Manager (805) 781-5292	
(4) SUBJECT Request to approve an agreement for Engineering Consulting Services with Quincy Engineering, Inc. for Lopez Drive Bridge No. 2, Seismic Retrofit, Contract No. 300452, Federal Project No. BHLS-5949(135). District 4.			
(5) RECOMMENDED ACTION It is our recommendation that your Honorable Board: <ol style="list-style-type: none"> 1. Approve an agreement with Quincy Engineering, Inc., in an amount not to exceed \$109,962.37, for the Lopez Drive Bridge No. 2, Seismic Retrofit, Contract No. 300452, Federal Project No. BHLS-5949(135); and 2. Authorize the Public Works Director, or his designee, to approve change orders for an aggregate amount not to exceed \$10,000; and 3. Direct the Chairperson to sign the Agreement. 			
(6) FUNDING SOURCE(S) Fed Hwy Bridge Program (HBP) and Roads Fund	(7) CURRENT YEAR FINANCIAL IMPACT \$160,000.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? No
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Board Business (Time Est. _____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A		(12) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
(13) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001166		(14) W-9 <input type="checkbox"/> No <input type="checkbox"/> Yes	
(15) LOCATION MAP Attached	(16) BUSINESS IMPACT STATEMENT? No	(17) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A Date	
(18) ADMINISTRATIVE OFFICE REVIEW <i>Nikki J. Schmidt</i>			
(19) SUPERVISOR DISTRICT(S) District 4 -			

Reference: 12JUL10-C-8

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works
Barry Zalac, Bridge Program Manager

VIA: Dave Flynn, Deputy Director of Public Works

DATE: 7/10/2012

SUBJECT: Request to approve an agreement for Engineering Consulting Services with Quincy Engineering, Inc. for Lopez Drive Bridge No. 2, Seismic Retrofit, Contract No. 300452, Federal Project No. BHLS-5949(135). District 4.

RECOMMENDATION

It is our recommendation that your Honorable Board:

1. Approve an agreement with Quincy Engineering, Inc., in an amount not to exceed \$109,962.37, for the Lopez Drive Bridge No. 2, Seismic Retrofit, Contract No. 300452, Federal Project No. BHLS-5949(135); and
2. Authorize the Public Works Director, or his designee, to approve change orders for an aggregate amount not to exceed \$10,000; and
3. Direct the Chairperson to sign the Agreement.

DISCUSSION

The Lopez Drive Bridge No. 2 is a 317 foot long precast, three span bridge, built in 1968 as part of the San Luis Obispo County Flood Control and Water Conservation District Lopez Lake Construction Project. It has been determined by the State of California, Department of Transportation (Caltrans) that the bridge is seismically vulnerable, based on current seismic design standards, making it eligible for funding authorized by the Highway Bridge Program. Design of a seismic retrofit would be by an outside Consultant.

Quincy Engineering was selected using a process that conforms to the Federally Funded Highway Bridge Program, Caltrans Local Assistance and County purchasing policies.

Proposals were received on February 28, 2012, and evaluated by selection committee established in accordance with County policy. The selection committee included a senior engineer, a staff engineer, and an outside senior engineer with a specialized understanding of the work required. Each member of the selection committee independently evaluated and scored the written proposals. Quincy Engineering, Inc. was chosen as the most qualified consultant to deliver this bridge seismic retrofit project.

This contract provides for Quincy Engineering, Inc., of Sacramento, CA, to perform professional and technical engineering, design, and environmental services including, but not limited to, Test Borings, Liquefaction Analysis, and preparation of project reports, plans, specifications, and estimate (PS&E) package for the subject bridge. Quincy Engineering, Inc. will utilize Fugro West of San Luis Obispo for geotechnical studies.

The effort under this contract will determine the seismic retrofit method for the structure. After final approval from Caltrans, it will be necessary for us to return to your Board with a contract amendment to develop the construction documents for the retrofit work by this same consultant. We would expect to return with the contract amendment in late fall of this year.

Barring any unforeseen delays, construction is expected to be in the late summer of 2013.

OTHER AGENCY INVOLVEMENT/IMPACT

Caltrans Office of Local Assistance oversees funding by agreement with FHWA for authorization to utilize funds under the Federal Highway Bridge Program (HBP). Their staff has participated in the consultant selection process. The program provides a grant for bridge seismic retrofit which covers approximately 85% of project costs.

The Regional Water Quality Control Board, Army Corps of Engineers, National Marine Fisheries Services, U.S. Fish and Wildlife Service, California Department of Fish and Game will be contacted to obtain the necessary environmental clearance/permits depending on the final scope of the retrofit. The affected utility companies will be contacted to ensure there are no conflicts.

FINANCIAL CONSIDERATIONS

The proposed Agreement for Quincy Engineering, Inc. is for a total compensation amount of \$109,962.37. It also provides for authorization of future change orders not to exceed an amount of \$10,000.

This project is budgeted in the Roads Fund FY 2012/13 at \$210,000. Funding for this project will be from the Federal Highway Bridge Program (HBP) and the Roads Fund.

The cost of construction to seismically retrofit the bridge is yet to be determined. Subsequent phases to the project will occur over the next year and once those costs are known, we will return to the Board with a budget adjustment, as necessary.

RESULTS

Once improved, this bridge will be brought up to current seismic standards and that will help to maintain the integrity of the County Road System for a livable and safe community.

File: Contract No. 300452

Reference: 12JUL10-C-8

L:\DESIGN\JUL12\BOS\300452 Lopez Drive Bridge No. 2\300452 Lopez Drive Bridge No. 2 brd ltr.doc.TP:mac

ATTACHMENTS

1. Vicinity Map
2. Agreement for Engineering Consulting Services with Quincy Engineering, Inc.
3. Exhibit A to Agreement
4. Exhibit B to Agreement
5. Exhibit C to Agreement
6. Exhibit D to Agreement
7. Exhibit E to Agreement
8. Exhibit F to Agreement
9. Exhibit G to Agreement
10. Exhibit H to Agreement
11. Exhibit I to Agreement
12. Exhibit J to Agreement
13. Exhibit K to Agreement